

Title (en)
THREE-DIMENSIONAL MEASURING MODULE

Title (de)
DREIDIMENSIONALES MESSMODUL

Title (fr)
MODULE DE MESURE TRIDIMENSIONNEL

Publication
EP 1141662 B1 20030514 (DE)

Application
EP 99955998 A 19991116

Priority
• DE 19855828 A 19981203
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Abstract (en)
[origin: DE19855828A1] The invention relates to a three-dimensional measuring module. An optochip is arranged over a scanning plate and a signal processing unit is arranged over the optochip. A housing, together with the scanning plate, completely encloses the optochip and the signal processing unit. The electrical connecting lines between the optochip and the signal processing unit are brought to the signal processing unit via the scanning plate and the interior of the housing. The output signals of the signal processing unit are transferred to contacts located at the exterior of the housing via connecting lines. The supply line of the measuring system is contacted at said contacts. The lines, especially between the optochip and the signal processing unit, can be configured as very short lines by means of said three-dimensional construction of the measuring module. Thereby, conductor resistance and parasite signal injection are reduced.

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IPC 8 full level
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